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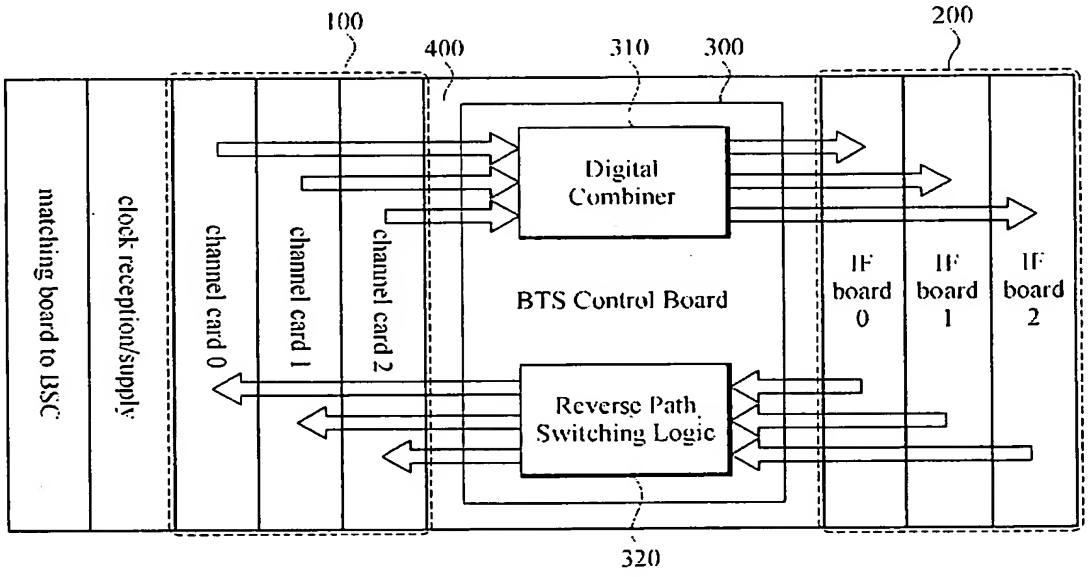
(54) Title: METHOD OF DESIGNING A MICRO-BTS



(57) Abstract: The present invention relates to a method of designing a micro-Base Transceiver System (BTS) of a CDMA system. In a conventional micro-BTS, one Intermediate Frequency (IF) board has only one sector or Frequency Assignment (FA) therein, and a digital combiner and a switching logic are comprised in individual channel cards and IF boards. Thus, the FA to an IF board cannot avoid being fixed. However, according to the present invention, a digital combiner and a switching logic are transplanted in a main board of a micro-BTS, which operates as a backplane. By using this construction, the present invention can achieve a more efficient interface between a channel card and an IF board, and further increase the flexibility in establishing FAs.

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